

## DPW to announce choice for Inner Belt pathway

By Gerry Banner

The long-awaited Inner Belt decision by the Massachusetts Department of Public Works will be announced by DPW Commissioner Francis W. Sargent at a public press conference this afternoon.

The decision will come after months of discussion by Cambridge City Council members, MIT representatives, and other affected parties concerning the proposed routes.

Essentially the DPW will be selecting one of two alternatives: the Brookline-Elm St. route, which would destroy the most homes, but otherwise has much to be recommended; and the

Grand Junction railroad route, which would cut across MIT and could cost the Institute at least \$80,000,000.

The Cambridge City Council had previously urged the DPW to delay its decision until the need for an Inner Belt had been restudied with consideration given to the effects of the Mass. Turnpike extension. However, Sargent commented to The Tech that his department will naturally look into the problem, but will certainly not postpone the route decision.

The DPW recommendation will be submitted to the Federal Bureau of Public Roads, which will take final action on the proposal.

## Inscomm discusses life at MIT

By Bob Horvitz

Discussions covered all aspects of MIT undergraduate life during a two-day conference held by the Institute Committee at the Exeter Inn, Exeter, New Hampshire. Six faculty members, a representative from The Tech, and both the incoming and outgoing Inscomm members attended the conference.

The representatives from the faculty were Dean of Student Affairs Kenneth R. Wadleigh, Associate Deans of Student Affairs Robert J. Holden and Paul E. Gray, Associate Director of Admissions Paul M. Chalmers, Director of Athletics Prof. Ross H. Smith, and Assistant to the Dean of Affairs Jay C. Hammerness. Thirty-one undergraduates were also present.

Following a luncheon Saturday

afternoon, retiring UAP Bill Byrn '66 introduced the delegates. The next few hours were spent in explaining the functions of the various institute committees.

### Group forums

During the remainder of the afternoon the delegates split into three groups for discussions on the separate problems of freshman orientation and the rush week experience, student input in athletics, and the foreign student situation.

The greatest problem of the rush week experience seems to be the letdown caused by the time delay between rush week and freshman orientation. Tours of MIT's facilities and even of the entire Boston area were suggested both for the inherent benefits they present and to help eliminate this letdown.

### Big Brother

The concept of the Big Brother was also discussed. Although there is some problem in the fraternities caused by Big Brothers' often leaving for a few days after rush week, the general consensus was that the idea itself could be very helpful in orienting dormitory freshmen to MIT life.

In fact, Dean Wadleigh said that the Deans' Office would be glad to help by sending the dormitory presidents some background information on each freshman entering their group to aid in the Big Brother selection.

To increase contact between fraternity and dormitory freshmen, it was suggested that joint social events be held. Further discussion led to the idea that dormitories invite fraternity freshmen to their quiz reviews.

### Athletic problems

The main problem with MIT athletics was seen to be one of input. Both intercollegiate and intramural participation should be increased. Furthermore, sports could be used to unite the entire MIT community. Individual competition along the lines of the current pool tournament would present one such possibility. Participation of women students was also discussed.

The foreign student problem is one of orientation and integration into activities. Foreign clubs, in which they could sponsor events like International Week, and a Big Brother system were both suggested.

The entire group reunited for the remainder of the conference. After dinner Saturday, discussions centered on the Student Center and the residence system.

### Elsie's here?

The food situation was first attacked. Opinion very strongly favored a snack bar, much in the way of Elsie's. The point was raised that Stouffer's contract in the Student Center would expire soon, and Elsie's itself has expressed interest in moving into the Student Center.

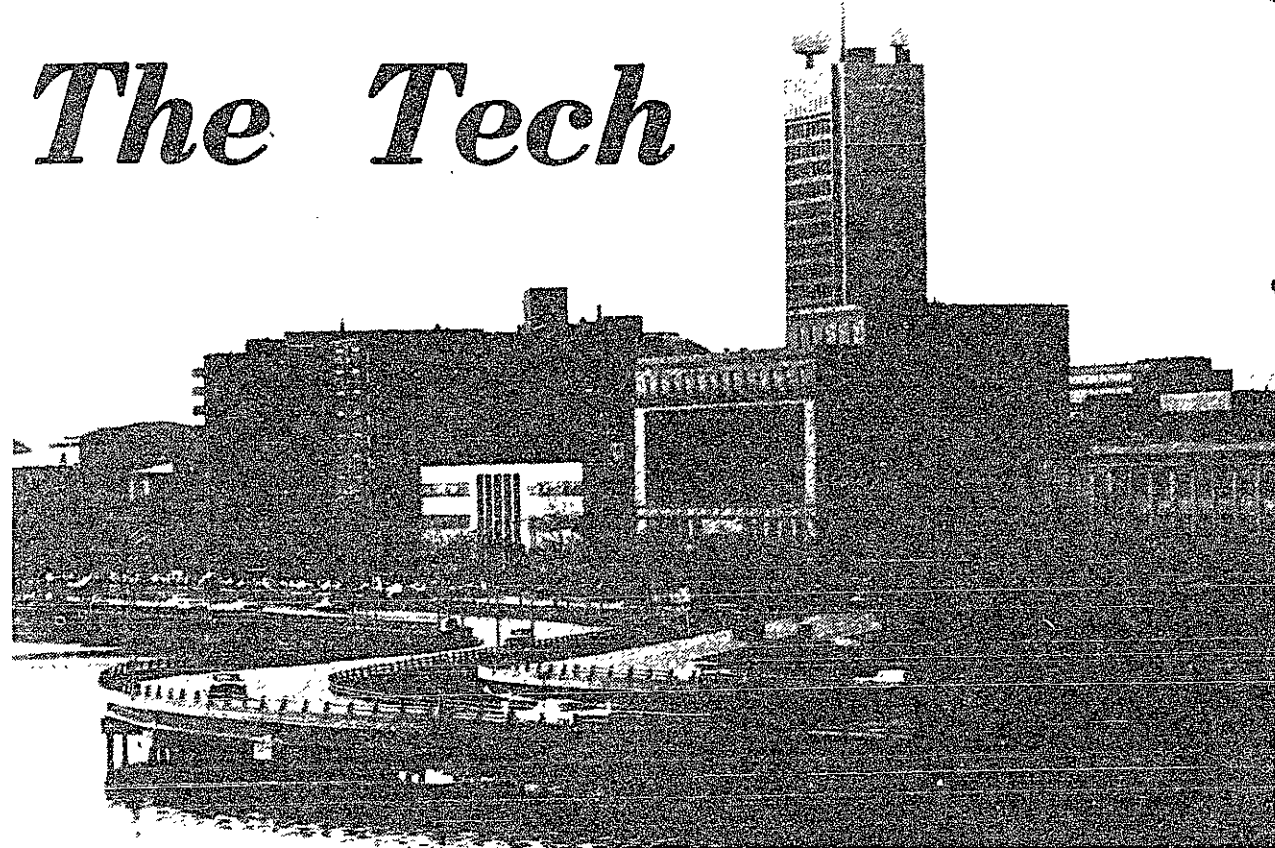
Such a snack bar should also remedy the problem of the Discotheques, for it could include a juke box and also serve as good mixer territory, as it was expected that such a place would attract girls from nearby schools.

### The 'full man'

The discussion of the residence system centered on the moral responsibility of living groups to create "full men" out of all MIT students. The problem was not resolved, as a basic conflict was present between individual freedom of choice and the obligation of MIT to present an all-around education.

(Please turn to page 3)

## The Tech



Vol. 86, No. 11

Cambridge, Massachusetts, Tuesday, March 15, 1966

Five Cents

## METCO seeks solution

## Housing blamed for racial imbalance in schools

By John Blankenship

Spokesmen from nine suburban Boston school systems are presently working with officials of the Metropolitan Council for Educational Opportunity (METCO) on solutions to the deep-seated problem of racial imbalance and educational inequality in Boston schools.

Dr. Leon Trilling, Professor of Aeronautics and Astronautics at MIT and chairman of METCO, has given his account of the causes, the characteristics, and the possible solutions of this educational problem.

### Problem clear

According to Dr. Trilling, "There are a number of reasons, but the basic problem is clear. Educational deficiencies complicate problems that bear on Negroes more than anyone else. With more middle class residents moving out to the suburbs and no new buildings being built in the Negro district, the tax base is lowered, and consequently, less money is available for education. Yet simultaneously, public services must necessarily increase, and as a result, community funds are thrust into a financial bind."



Photo by Gordon Olson  
Prof. Leon Trilling

"Neglected areas are more likely to catch fire, require more frequent maintenance, and are, in general, more needful of police protection and welfare services. The essential problem is the disparity of what is offered and what should be offered. It is a condition that has unfortunately been blamed onto the Boston school system, when perhaps it is more an effect of housing patterns."

Dr. Trilling also criticized the Boston school system for its failure to progress. He explained that "The schools have had a large number of political, racial, and logistical problems to contend with, but they could have done more than they have. The system has not moved, and the schools have not kept up with the times."

Expenditures amount to \$460 per student as compared with \$700 per student in the suburbs. The number of guidance counselors is much lower than in other places. The teachers are older and more set in their ways. The buildings and equipment are old. The schools are falling behind the times."

When questioned on the reasons for Boston's apparent reluctance to remedy the situation, Dr. Trilling answered, "I could ask you to go to Mrs. Louise Day Hicks, but that wouldn't be fair."

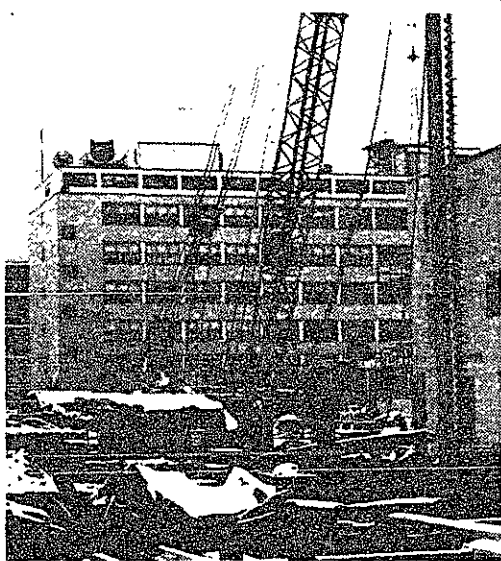
Dr. Trilling's METCO plan is a partial, temporary, and immediate solution to the Boston educational problem.

(Please turn to Page 5)

## Phi Beta Epsilon wins award for pledge cum

Phi Beta Epsilon was presented with the IFC Pledge Class Scholarship Award for 1965-66 at the March 10th meeting of the IFC. The Phi Beta freshman cum was a 4.2.

The scholastic improvement trophies were awarded to Delta Kappa Epsilon, 1st; Sigma Nu, 2nd; and Kappa Sigma, 3rd. Mrs. Fasset, wife of the Dean of Residence, presented the awards.



## Space research in action

Photo by Desmond Booth

The battle for space, both inner and outer, is never far from the MIT scene. In the above picture is shown the construction, reading period pile-drivers and all, of none other than the Center for Space Research on Vassar Street.

## Roberts delivers chemistry talks



Photo by Desmond Booth  
Dr. John D. Roberts

## Shannon to receive IEEE Medal of Honor

Dr. Claude E. Shannon, Donnor professor of science, will be honored by the Institute of Electrical and Electronics Engineers at its New York convention March 21-25. Dr. Shannon will get the Medal of Honor, the highest award of the IEEE, for his work in communication developments.

Dr. John D. Roberts, the Arthur D. Little Visiting Professor of Chemistry, will present six lectures on "Some Unsolved Problems in Organic Chemistry." The lectures will be held, in 3-370 at 5 pm March 14, 16, 18, 21, 23, and 25.

Roberts, a former member of the MIT Faculty, is chairman of the Division of Chemistry and Chemical Engineering at Caltech. Roberts and his wife are the co-authors of 5.41-5.42 text "Organic Chemistry."

## Drs. Morrison and Sartori advance supernova theory

Dr. Philip Morrison and Dr. Leo Sartori, MIT physicists, have advanced a new theory to explain the gradual, but uniform, fading of light that comes from supernovae.

A supernova is a celestial explosion signalling the death of a star which shines as brightly as a billion suns. Supernova light lingers for up to two years, gradually dimming.

### Like fluorescent lamp

According to their new theory of optical reverberations, a supernova event works somewhat like a fluorescent lamp. The light that observers see lingering after a supernova flash, they said, comes from ionized atoms of gas in interstellar space which are made to fluoresce by ultraviolet energy released in the initial explosion.

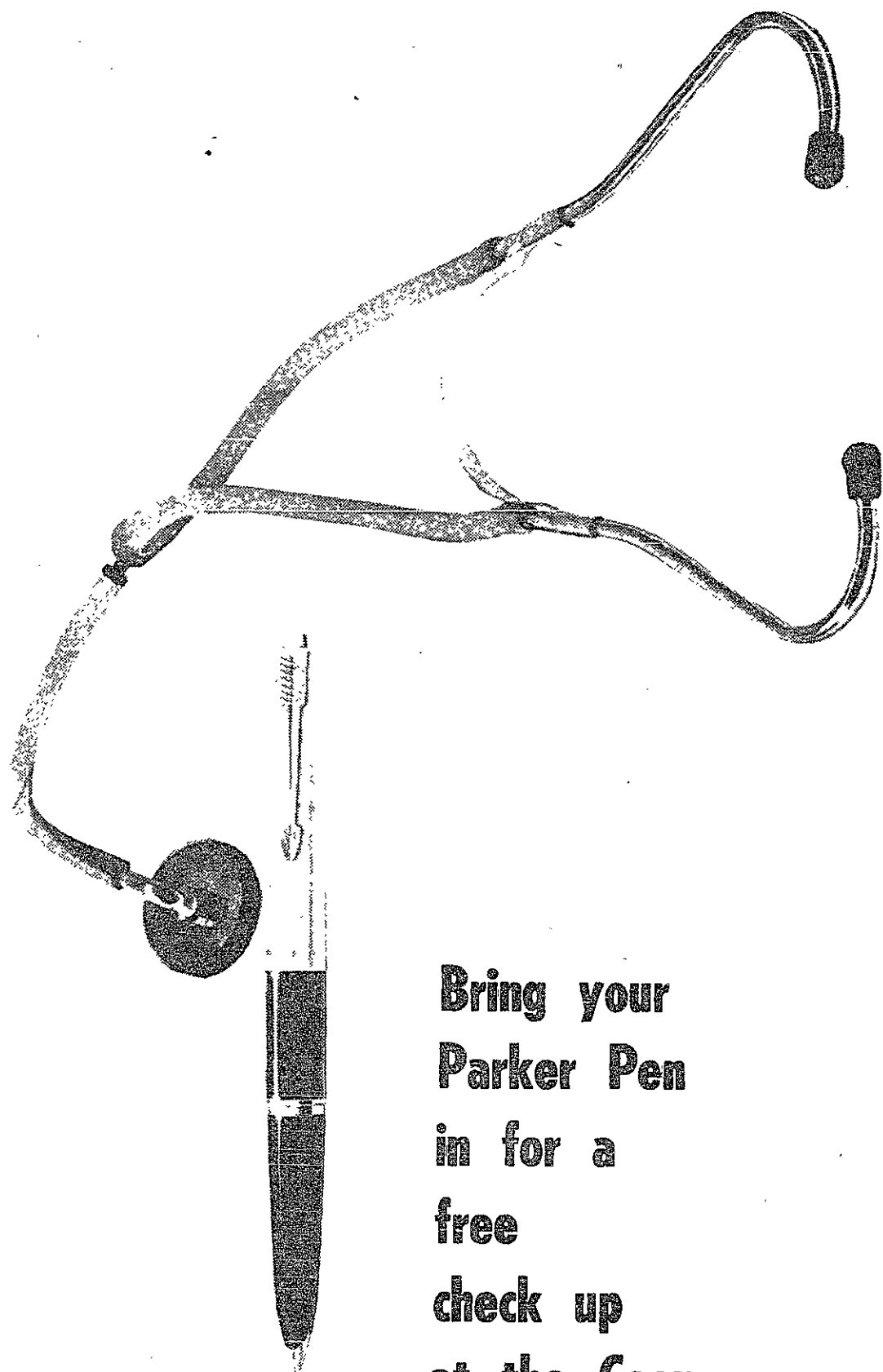
Drs. Morrison and Sartori vi-

ualize a supernova explosion as a sudden flash event, in which an enormous shell of light energy is set loose. The shell expands — and the light energy becomes more diffuse — as the shell races outward through space.

### Shell of light energy

As the expanding shell of light reverberates through the gas field, the ultraviolet energy is absorbed by the gas atoms. These atoms fluoresce or emit visible light proportional to the amount of ultraviolet light absorbed.

The lingering light that observers see long after a supernova outburst is actually re-radiated from the interstellar gas, and does not come as primary light from the supernova explosion itself.



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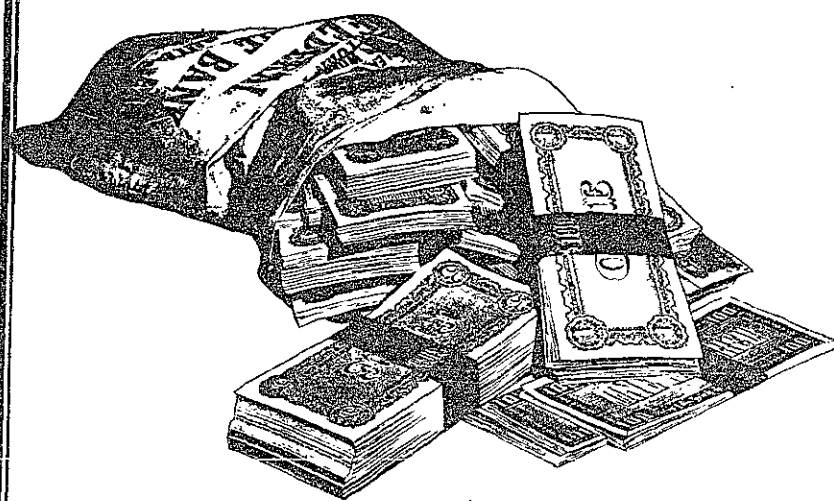
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# House tutor system discussed at Institute Committee conference

(Continued from Page 1) Sunday morning's forum concerned academic affairs. Dean Wadleigh explained the goals of the house tutor system: "A tutor is not only supposed to give quiz reviews. He is also expected to provide a general counseling service." Some dissatisfaction was expressed with current faculty advisors.

**Issues and topics**

The conference concluded with a summary by Bill Byrn of the issues and topics for the coming year. One idea mentioned was a Committee on Student Environment. Two alternate suggestions were offered. First of all, Incomm itself, being a representative body of the major interest groups and activities on campus, could serve as such a committee and discuss current topics with selected members of the administration.

An alternative solution was to give Secretariat the responsibility of conducting the research and obtaining information, which could then be discussed in Incomm. Neither plan was accepted, and further analysis is necessary.

# Beaver Key selects four new members

Four students, all juniors, were selected for membership in Beaver Key, the Junior honorary society, at a meeting Sunday night. They are Rick Gostyla of DU, Keith Patterson of PMD, Paavo Pyykkonen of East Campus, and Dave Sanders of PGD.

The major activities of the new members are Gostyla, T-Club President; Patterson, Activities Council Chairman; Pyykkonen, Student Center Committee Chairman; and Sanders, Finance Board Chairman.

# Three given Sloan Fellowships

Ninety young scientists throughout the United States and Canada, including three from MIT, have been named to receive unrestricted grants for basic research, totaling nearly \$1.4 million, from the Alfred P. Sloan Foundation.

The grants, which become effective in September, are for fundamental research in chemistry, mathematics, physics, and interdisciplinary fields, such as geochemistry and astrophysics.

The new MIT Sloan Fellows are Dr. Michael Artin, in Mathematics; Dr. William C. Luth in Geochemistry and Geophysics; and Dr. Joseph Pedlosky, in Mathematics and Theoretical Physics.

# The Bulletin Board

Compiled by the Public Relations Committee of Incomm, The Bulletin Board is a semi-weekly service of the PRC and The Tech.

Meetings and events may be included in this article and in the MIT Student Bulletin by filling out a form in the Incomm office or in Mr. Jim Murphy's office in the Student Center at least 12 days in advance of the week the event is to occur.

Further information may be obtained from Bob Howard (x3783), editor of the MIT Student Bulletin.

**Tuesday, March 15**

12:00 Noon. Inside USA: Informal Lunch Hour Discussion for Foreign Students. S.C., East Lounge.

5:00 P.M. MIT Glee Club Rehearsal. Kresge.

7:00 P.M. T-Club Letterman's Banquet. S.C., Sala de Puerto Rico.

7:00 P.M. Sports Car Club Meeting. S.C., Rm. 467.

7:00 P.M. Debate Society. S.C., Rm. 473.

7:00 P.M. Zeamer Squadron Meeting. S.C., Rm. 467.

7:00 P.M. MIT Symphony Orchestra Rehearsal. Kresge.

7:15 P.M. Tech Catholic Club Meeting. S.C., Rm. 407.

7:15 P.M. Christian Science Service. MIT Chapel.

8:30 P.M. MIT Film Society. Mr. Stan Vanderbeek will speak and show experimental films. Kresge, admission free.

**Wednesday, March 16**

12:00 Noon. Episcopal Communion Service. MIT Chapel.

5:00 P.M. MIT Concert Band Rehearsal. Kresge.

5:00 P.M. MIT Glee Club Rehearsal. Kresge.

7:00 P.M. Outing Club: Folk Dancing. S.C., Sala de Puerto Rico.

7:00 P.M. Gilbert & Sullivan Society. S.C., Rm. 491.

7:00 P.M. Debate Society. S.C., Rm. 473.

8:30 P.M. International Student's Week: India & Pakistan — Separate destinies or common purpose.

**Thursday, March 17**

9:45 A.M. MIT Red Cross Blood Drive. Sala de Puerto Rico.

4:00 P.M. Christian Science Organization. S.C., Rm. 467.

5:00 P.M. MIT Concert Band Rehearsal. Kresge.

5:00 P.M. MIT Glee Club Rehearsal. Kresge.

7:00 P.M. MIT Committee Opposing the War in Viet Nam Meeting. S.C., Rm. 473.

7:00 P.M. TCA Mental Hospital Project. Meeting in S.C., Rm. 450.

7:30 P.M. Incomm General Meeting. Student Center, Rm. 400.

8:00 P.M. Spring Weekend Committee. S.C., Rm. 491.

9:00 P.M. Chinese Students Club. S.C., East Lounge.

**Friday, March 18**

9:45 A.M. MIT Red Cross Blood Drive. Sala de Puerto Rico.

All Day. Exhibition of Classical & Contemporary Chinese Paintings and Calligraphy. Student Center.

1:00 P.M. MIT Islamic Society: Juma Prayers. Kresge.

5:00 P.M. Science Fiction Society Meeting. Spofford Room, 1-236.

5:00 P.M. MIT Concert Band Rehearsal. Kresge.

7:00 P.M. Hillel: Friday Evening Services. S.C., Rm. 473.

7:00 P.M. L.S.C. Movie: Woman Is Woman. Admission: 50c. Rm. 26-100.

8:00 P.M. Ukrainian Students Club: Organizational Meeting. Student Center.

8:00 P.M. Art and the Creative Process. Speaker: Prof. Adolph Marmor. Student Center Art Studios, Rm. 425.

8:00 P.M. Student Center Coffee House presented by the Student Center Committee. Student Center, Mezzanine Lounge.

8:30 P.M. China Night — a lecture on Chinese art followed by a Chinese fashion and variety show. Speaker: Prof. Max Loehr. Kresge.

8:30 P.M. Dramashop: One Act Plays. Kresge.

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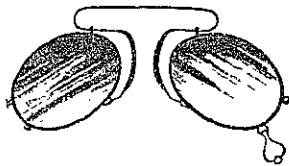
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# The teaching gap

The art of teaching should be one that is intensively cultivated at any university worthy of the name. Yet, at MIT, some students have developed the suspicion that nobody considers teaching to be an activity valuable enough to be compared with the exotic pastime known as research. The Tech feels that the subject of teaching could be profitably discussed this term.

We are not about to embark on a crusade to convince the faculty to give up their research projects and start revising their lecture notes, nor are we going to claim that the Institute Has The Finest Professors. What we would like to do is review what is being done to encourage good teaching and examine what might be done in the future.

First, the Everett Moore Baker Committee, a student group, sponsors the annual Baker Award for Undergraduate

Teaching; this prize (\$250 and a medal) is presented each year at the Awards Convocation to an untenured faculty member with an outstanding teaching record. Nominations come from the student body.

In addition to the Baker Award, the Student Committee on Educational Policy (SCEP) is considering the establishment of an annual teaching award for graduate student instructors. Such an award would recognize those graduate students who take their teaching responsibilities as a challenge and not as a chore to be disposed of with the minimum amount of time and effort.

The fact remains, however, that a good teacher is an undefined quantity. The Tech staff realized this fact recently when a leading magazine asked us to name several outstanding teachers for an article they were preparing on the best college teachers in America.

Names do come to mind; those of us who had taken courses under physics Professor Hans Mueller before his death last June knew why generations of MIT students had sung his praises as an instructor. We have drawn up a list of good teachers from recommendations from our staff. We wonder if they match the personal list that each student has compiled during his classroom career.

This newspaper doesn't want to start a faculty popularity contest, but we would like to request students to inform us of professors or instructors who are particularly adept at introducing knowledge into skulls. We would like to use these student suggestions as a basis for interviewing selected professors during the term in an attempt to get some indication of why they are successful teachers.



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Front page photo of Sloan Building taken by Desmond Booth.

## Letters to The Tech

### Discrimination

To the Editor:

Due to the recent edict from a Miss Hazlitt, all non-MIT students are to be denied access to the Student Center Library. This has been interpreted to mean students of both sexes.

While it seems clear that male students from other colleges represent distinct challenges to the virility of the average meat, and should therefore be excluded, I can think of no better therapy for our social cripples than a room full of unattached females on which can be exercised the accumulated fantasies of days (weeks? months?) of frustration.

Since this arena, after all, is not to be just a library but an integrated part of the Student Center it would seem that such a therapeutic environment would be of highest priority. Perhaps our Miss Hazlitt could be less of a gate-keeper and more of a go-between.

Henry W. Newell, Jr. '66

### Sex and LSC

To the Editor:

Recently I tried to take my husband's brother to an LSC movie. When I presented my registration card and asked for two tickets I found myself and the LSC officials in a Great Legal Hassle during which I felt that an attempt was being made to deprive me of rights guaranteed under the Constitution and the 1964 Civil Rights Act. At stake here are truly important issues, all hinging on a delicate distinction between who is a "guest" and who is a "date" for a "date" can come to an LSC movie, whereas a "guest" cannot. Clarification of these issues by the courts is needed immediately.

The issues involved include the following:

- 1) Are girl students really allowed to bring dates to LSC movies like boy students are?
- 2) Can a married girl student bring a date who is not her husband?
- 3) Can any married student bring someone other than the spouse?
- 4) Can a married student bring someone to an LSC movie at all?
- 5) Can an unmarried student bring, as a date, someone who is obviously not a likely candidate for marriage on account of age, race, creed, or intelligence?
- 6) Can any student with unusual tastes bring, as a date, a person of the same sex?
- 7) At what point in the development of a sexual relationship does a person cease to be a "guest" and become a "date?"

Whatever the definition of "date" may be with reference to whatever statute governs LSC movies, I fervently hope that it does not imply violation of any other statutes or offend prevailing community standards!

My husband's brother is a lawyer, but even he could not figure all this out.

Cynthia K. Whitney '63 (G)

### Libraries

To the Editor:

Despite some recent malevolence on your part towards me and my memo on the Stud Center, I must congratulate you on the initiation of your recent dialogue on the libraries. As a former student employee of the libraries, and as one who has seen many colleges throughout the country, I can think of only one word which adequately sums up

the state of the MIT library "system" — medieval.

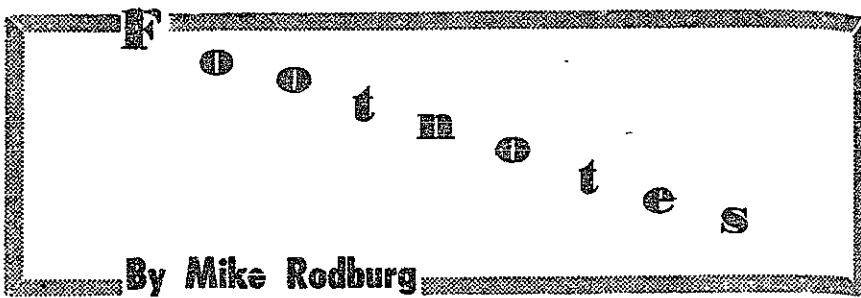
Despite Prof. Locke's protestations to the contrary, MIT does need a central library — central both in function and (more importantly) in location. The faculty, while desiring nearby facilities, has autos for the most part. Students do not. The location of Dewey, in particular, is absurd. Does anyone think of the student?

The problem is, at this point, nearly insoluble. Land north of Hayden, the best location for a new library building, is even now being readied for a chemistry building — a facility much more easily located in a more remote area than a library would be. The land behind Kresge, central between present (and future) dorms at one side and classrooms and offices on the other, and adjacent to the Student Center, is slated for a rather cryptic project known as the "Graduate Center."

And the faculty could not care less about us and the libraries, for they have, not only cars, but also access to the Harvard libraries. Although the Administration once argued that it saw "no need for two humanities research libraries in Cambridge," the students do see such a need. And there are 7000 of us.

So, congratulations, The Tech. Continue to raise a few furs, and let's hope a true dialogue between students and administration ensues. The example of BU's heavy and concerted student effort for its new (albeit ugly) 1.5 million volume library shows what can be done. We must make faculty, administration, and alumni realize the ills we face, and also realize they must be corrected soon.

Leonard Levin '66



By Mike Rodburg

31. When Dean Frederick G. Fassett, Jr. retires at the end of this year, there are many who believe he can never be replaced. The powers-that-be apparently feel the same way. Though we can expect someone new to be brought into the administrative echelon, the principle duties and general role which were Dean Fassett's will be redistributed amongst the administration.

Captain Sidney and Lt. Oliveri of the Campus Patrol presented Dean Fassett with an MIT seal affixed to which are an honorary captain's badge and a message to their long-time "Friend, Counselor and Teacher." Mrs. Fassett was named an honorary deputy of the Campus Patrol and given a bouquet of spring flowers.

In presenting the Dean with his award, the Campus Patrol wanted to express their appreciation of his "cooperation with them in helping students out of legal difficulties that sometimes result from excessively high spirits."

32. Phi Kappa Theta has

moved from their Commonwealth Ave. house for a while. Their house is being completely remodeled on the inside—walls rearranged and new facilities provided—to insure more efficient use of the structure. In the meantime the fraternity has occupied a wing of the Hotel Vendome, also on Commonwealth Ave.

33. Our congratulations to Ken Browning '66. In Esquire's report on their best-dressed man contest they quote him thusly: "According to Ken Browning, Chairman of the Board at MIT, . . . " We knew Ken when he was only Chairman of the Board of The Tech, Vol. 85.

Rumors that Dr. Killian has assumed Chairmanship of The Tech remain unconfirmed.

34. A major prerequisite for all 6.01-6.02 lecturers seems to be left-handedness. Professor Bose, a southpaw, has lectured 6.01 and the first part of 6.02. Next year left-handed Prof. Oppenheim will lecture the course. Dean Grey, who lectures 6.02, meets the qualification also.

## College World

By Mickey Warren

In a recent student election at Ohio State University, Batman finished second, ahead of many formidable political opponents. As the candidate for the Student Body President was running unopposed, 335 students felt that they should voice their protest by using write-in votes.

Batman, with 32 votes, finished ahead of the Dean of Students and the past editor of an OSU publication. Other laggards in the field included Harry S. Truman, King Kong, and a local disc jockey. There were two exciting races that yielded inconclusive results. In the first, Ho Chi Minh outpolled Barry Goldwater, three votes to two. In the second hot contest, George Wallace tallied two votes to Peace's one.

Rounding out the field were Alcibiades Lysander, Casper the Ghast, Roy Rogers, and Alfred E. Neuman.

### Sweaters refused

Embarrassed officials of Wayne State University's Department of Health and Physical Education refused to accept five sweaters that were presented to the school cheerleaders by the members of Tau Kappa Epsilon Fraternity.

The fraternity men acted after

reading an article in the school newspaper depicting the sad state of a cheerleader's wardrobe. School officials said that they appreciated the gift, but that if the girls needed new sweaters, the University would purchase them.

### Ban grades forever

As time for a general review of policy about freshman grades is approaching, the editors of the Caltech newspaper asked the administration to ban freshman grades forever. Among the statistics they stated in favor of their arguments were the higher averages of sophomores who did without grades their first year, and the great increase in freshman honor work. The whole campus was awaiting the word from a committee studying the policy.

### Another MIT???

The sports headline of the Illinois Institute of Technology news paper reported that the IIT swim team had opened their season against MIT, at MIT. It seems that the school they carelessly referred to as MIT was none other than the Milwaukee Institute of Technology. That's not the only mixup at IIT. Student elections had to be postponed one week for lack of candidates.



PEANUTS  
RAISE THE SKULL AND CROSSBONES!  
PREPARE FOR A BOARDING PARTY, LADS!  
LOOK, YOU STUPID DOG... THAT'S MY EYE PATCH YOU'RE WEARING!  
HOW DO YOU EXPECT ME TO CURE MY AMBLYOPIA IF YOU'VE GOT MY EYE PATCH?  
LOWER THE SKULL AND CROSSBONES, LADS... WE'VE BEEN SCUTTLED!

Peanuts appears daily and Sunday in the Boston Herald



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As a manufacturer of textile products (yarns and fabrics) Deering Milliken is equipped to process all types of fibers—natural and man-made—utilizing the three different systems of yarn manufacture—woolen, worsted and cotton systems. The most advanced types of equipment for weaving and knitting fabrics and for dyeing and finishing of fabrics are used. Chemical manufacturing is also expanding at Deering Milliken. These new efforts require managerial talent, chemical, electrical, textile, industrial and mechanical engineers, and chemists.

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Deering Milliken is a one hundred year old, extraordinarily dynamic organization in a field which has been experiencing major organizational and technological advances in recent years.

Plan to see Dr. J. H. O'Neill who will be on the campus March 17. Please make your appointment through the placement office.

## First Prize

### Tour offered in drawing

By Geoff Russell

One of the goals of International Students' Week is to wipe out illiteracy in Ethiopia, with a benefit drawing sponsored by the Committee for Ethiopian Illiteracy.

The prize list for the drawing is quite impressive. First prize is an all expenses paid tour of Addis Ababa, Ethiopia's capital and one of the political centers of Africa. Second through tenth prizes will be various Ethiopian objets d'art.

One useful feature of the first prize is the fact that it can be used as the foundation for an extended tour of Europe and Africa. The ticket provides for unlimited stopovers anywhere along the route, up to a certain mileage limit. The tour only buys the ticket and pays expenses for the two weeks in Addis Ababa, but the winner can easily supplement the prize with his own funds and take a trip he will long remember.

### METCO suggests temporary plan for Boston's educational dilemma

(Continued from Page 1) tional problem. The plan proposes to broaden the educational opportunities of some of the Negroes in Boston. It hopes to improve the environmental opportunities students in the suburbs. Also, it is the first step to a school system in which the city and the suburbs work together.

Boston's problem

Dr. Trilling predicted that in

the next few years up to 2000 Boston students would be participating in the busing program. He added, "The suburbs cannot realistically go past that number. The METCO plan is only a temporary stopgap. In the long run, the solution lies in Boston. The will and the way must be in Boston."

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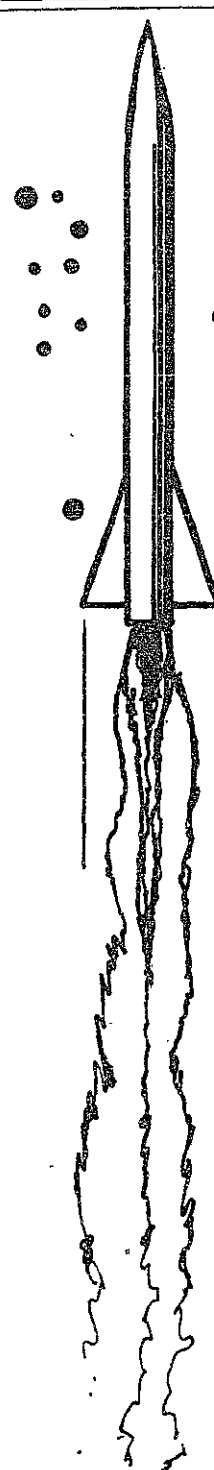
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### MIT Military Societies to hold Ball Saturday

The combined Military Societies of MIT will present their annual Military Ball Saturday, March 19, at 8 p.m., in the Sala de Puerto Rico of the Stratton Student Center. This year the Ball is being sponsored by the Lt. Col. Jay Zeamer Squadron. The music will be provided by the First Naval District Band, and intermission entertainment will also be provided.

Prior to the Ball, a princess will be chosen from each of the three services. The princesses will be judged by a committee at the ball, and a "Queen of the Ball" will be selected.

Tickets are priced at four dollars and are available from the secretaries of the ROTC departments and from designated cadets and midshipmen.



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music . . .

# Glee Club sings Bach, Schubert

Last Sunday the Glee Club, under the direction of Klaus Liepmann, performed two choral works with the Mount Holyoke College Glee Club. The first, C. P. E. Bach's "Magnificat", seemed as uninspired as the second, Schubert's "Mass in A Flat", was interesting. The different impressions, however, may have been due to Kresge's inconsistent acoustics in the locations used by the reviewer.

The choral work in the "Magnificat" was accurate enough, but dynamically bland. Even the final double fugue on the "Amen" lacked volume and rhythmic drive. The soloists came out very poorly from the reviewer's location; Bass Robert Hale was the only one to penetrate the auditorium's sound barrier. Soprano Leslie Holmes and Tenor Richard Conrad sounded hoarse;

Alto Dorothy Weaver-Barnhouse was nearly inaudible. A change of seats during intermission, however, brought a complete change of evaluation of the concert. The soloists in particular seemed to improve considerably. Dynamics seems to be the main stumbling block for the Glee Club. They create a fine sustained crescendo, but then everything continues on a mono-level till the next sudden pianissimo. By combining nuances of volume with more rhythmic emphasis, they could greatly improve the fire of their performances.

The Cambridge Festival Orchestra performed well, but not spectacularly. The lower strings were especially thin, though more strings would improve the tone of the group.

The concert was fairly well attended; this may indicate an increasing campus interest in Glee Club productions.

## Dick Clark fills gap left by Presley

(Continued from Page 6)

of Presley and a return to the good music of Boone. Elvis more than held his own during Boone's 57 onslaught with hits such as 'Jailhouse Rock' and 'All Shook Up,' until he was drafted in April 1958.

This left an opening for Dick Clark to fill. After five years as a hick disc jockey in Philadelphia, he got the nationally televised 'American Bandstand' show. He became an instant molder of teen-age culture. His comments on dress and lingo were taken as the word of God. He initiated such dance crazes as the Madison and the Stroll. The most important aspect of his preeminence was the fact that he could make anybody a star and any record a hit. Most of the big 1958-9 stars were molded by Clark. Among his proteges were Bobby Darin, Connie Francis, Frankie Avalon, Bobby Rydell, and Paul Anka. The epitome of his creating sensations out of handsome nobodies was Fabian, who was picked off the streets by an agent who liked his looks, was taught to 'sing,' and became a teenage idol with his several hits.

See "Loretta" in  
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# Making the Scene

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		15	16	17	18	19
20	21	22	23	24	25	26
27	28					

## THIS WEEK MUSIC

**Cantata Singers** — three Bach cantatas; March 19, 8:30; Sanders Theatre; \$2.50, \$1.50 (students).  
**Opera Company of Boston** — Musorgsky's 'Boris Gudunov'; March 16, 18; Back Bay Theatre.  
**Boston Symphony Orchestra** — Charles Munch, conductor; March 15, 17, 19, 8:30; Symphony Hall.  
**Boston University** — piano recital by Bela Boszormenyi-Nagy; March 15, 8:30; BU concert hall.  
**New England Conservatory** — chamber orchestra, William Stein; March 14, 8:30; Jordan Hall.  
**New England Conservatory** — instrumental music; March 16, 8:30; Jordan Hall.  
**New England Conservatory** — Eleanor Carlson, pianist; March 18, 8:30; Jordan Hall.  
**New England Conservatory** — Symphony String Quartet; March 18.

**Are Your Grades Lower Than B?**  
 Are you planning a trip to Saigon after graduation?  
**VIETNAMESE** — intensive course will be given during April and May at **ACADEMIA**.  
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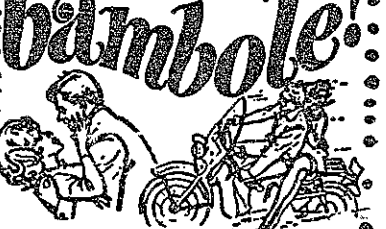
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7:00 and 9:30 50c



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8:30; Jordan Hall; \$4, \$3.50, \$3, \$2.  
**MISCELLANEOUS**  
**ISA** — International Students Association Cultural Show; March 18, 8:30.  
**Baton Society** — All Tech Sing; March 19, 8:30; Kresge Auditorium.  
**Institute of Contemporary Art** — "Happenings in Japan, Europe, America; The Art World's Underground?"; March 21, 8:00.  
**Brandeis University** — Annual Brandeis Lecture by Abe Fortas, associate justice; March 15, 8:15 Springold Theatre.  
**Hayden Library** — "op art" exhibition by Victor Vasarely; through March 20.  
**Compass Seminar** — "Scientific Programs at the National Radio Astronomy Observatory"; Dr. William S. Howard; March 15, 4:00; 54-100.

## NEXT WEEK MUSIC

**Isabella Stewart Gardner Museum** — Richard Steven Robbins; March 22, 3:00 pm.  
**Michiko Sone**, soprano, Carl Davis, piano; March 24, 3:00 pm.  
**Francis Hester**, bass baritone, Reginald Boardman, piano; March 26, 3:00.  
**Jack Glatzer**, violin, Newton Wayland, piano; March 27, 3:00.  
**New England Conservatory** — instrumental music; March 22, 8:30; Jordan Hall.  
**Symphony orchestra**; March 23, 8:30; Jordan Hall.  
**Opera Theatre**: "The Boy Friend"; March 25, 26, 8:30; Brown Hall; \$1.

# movies . . .

## 'Juliet' is bizarre but captivating

By Ric Klass

Most movies are in color as an added attraction. The color adds 'spectacle' for Hollywood movies. But for Federico Fellini's first color movie, the reds, the whites, the blacks play an integral part in the movie. Remembering '8½' the audience again sees the chaste characters wearing pure white while the others wear colors ranging from red to sinister black.

'Juliet of the Spirits,' though, has far more to offer than brilliant and brilliantly used colors. Fellini's wife, Giulietta Masina plays the lead role of a housewife afraid of losing her husband. The plot itself is rather commonplace. Giulietta's husband, a wealthy promotionist, has fallen in love

*Juliet of the Spirits* written and directed by Federico Fellini; starring Giulietta Masina, Sylva Koscina; playing at the Kenmore Square and Park Square Cinemas.

with a younger and more beautiful woman. But, it is Giulietta's visions and dreams brought on by her fears of losing her husband that give real meaning to the movie.

## Bizarre images

A barge floats on water towards the shore. Suddenly one side is lowered revealing its contents. Ugly and sinister people in rags and bizarre costumes peer out. Human flesh and animals crowd together. Giulietta's visions reflect the dead barge she herself lives on. A world surrounded by lies and insincerity. Giulietta's spirits exist both in her mind and her real life. Her friends are phony and live only for pleasure of the flesh.

A recurrent theme of Fellini's appears in 'Juliet of the Spirits,' the fetichism and repression in-

stilled by the Church. Giulietta cannot be released from her evil visions until she renounces the images instilled in her as a child and as an adult.

## Captivating movie

Fellini's representation of a woman searching for love is a masterpiece. The photography makes full use of the medium. The integration of reality and Giulietta's imagination is so well done that the viewer must give full attention to understand what is going on.

A full understanding of '8½' will undoubtedly help the viewer grasp some of the subtler images in 'Juliet of the Spirits.' Relating the world to a kind of circus, for instance, ends '8½' and shows itself throughout Giulietta's visions. Unfortunately, there is a lack of sub-titles during long scenes which occasionally frustrates the non-Italian-speaking viewer. Nevertheless, 'Juliet of the Spirits' is a must for regular flick-goers.

# Talking Rock

By Don Davis

## second of four-part series

Rock 'n' Roll continued growing slowly in 1955 with Bill Haley and the Comets the top group, and the first white group to achieve prominence in the still-very-Negro field. 'Blackboard Jungle,' a popular movie about New York high schools, with a section on rock 'n' roll featuring Haley, did much to spread both rock 'n' roll and

Haley. Adults did not especially care to have their children centering parties around this still untested music form but had nothing concrete against it except its sometimes suggestive lyrics, and the fact that riots often followed rock 'n' roll concerts.

## Presley

In April 1956 the country music field made its, and perhaps anybody's biggest contribution to rock 'n' roll when Elvis Presley's recording of 'Heartbreak Hotel' was discovered by America's teenagers. Needless to say, Elvis became an immediate sensation with the number one song for 26 of his first 33 weeks. Musically, his major contributions were to make more use of the amplified guitar as opposed to the saxophone and to combine successfully blues and country vocal styles. More important was his making rock 'n' roll into a world-wide phenomenon. Anti-Presley clubs were started; riots followed most of his concerts; studies relating Presley to juvenile delinquency were conducted.

## Pat Boone

Pat Boone rose to become a major competitor of Elvis in 1957 with 'Loveletters in the Sand.' Parents rejoiced when teenagers began to worship this clean-cut, ballad-singing star. Music critics everywhere predicted the downfall

(Please turn to Page 7)

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**HARVARD SQ** UN 4-4380 0808

Last showings today of George Axelrod's 'Lord Love a Duck' at 2:00, 5:50, 9:45, and 'What's New Pussycat?' at 4:00 and 7:50. Tomorrow through Mar. 22, 'The Pawnbroker', 2:05, 5:50 and 9:40; and 'Rattle of a Simple Man' at 4:05 and 7:55.

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 Sophia Loren, Anita Ekberg and Romy Schneider in three colorful stories. Shows at 5:50 and 8:30 only. Starting Thursday, "Bell, Antonio". Showings at 5:30, 7:30, 9:30.

## Brown first foe

# Lacrosse team prepares for 18 game schedule

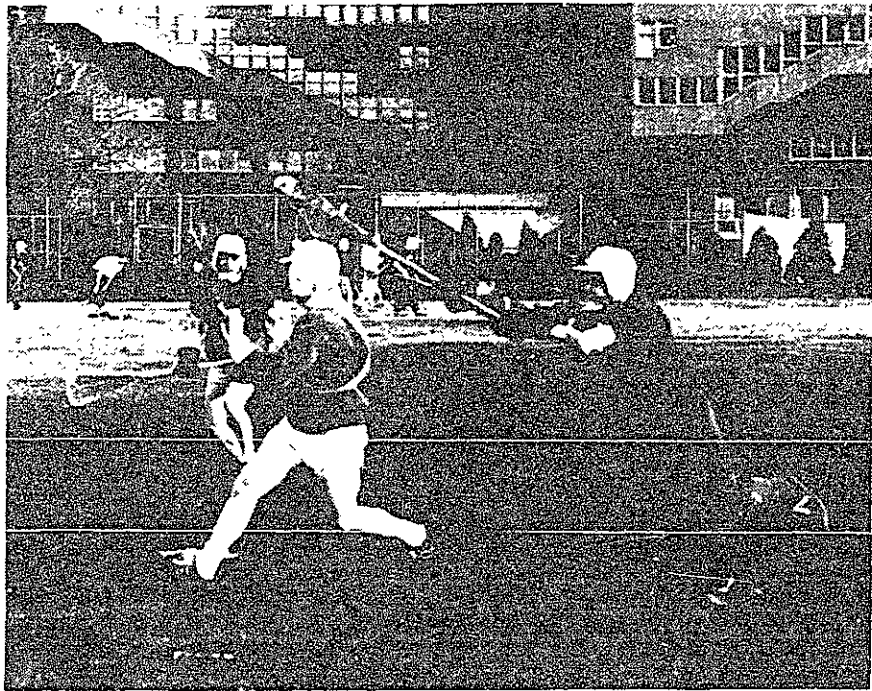


Photo by Pete Blicher

Neal Gilman '67 approaches the goal, being chased by Tom Chen '68 (left) and Dave Sanders '67 as the varsity lacrosse team works out in preparation for their grueling 18 game schedule this spring. First game is versus Delaware.

The MIT varsity Lacrosse team, coached by Ben Martin, is gradually rounding into shape in preparation for the spring vacation trip, beginning on March 28. Fortunately, the team has been outdoors earlier than in past years, thus providing more full field scrimmages.

The team is progressing fairly well, with stick handling ability slightly better than usual at this early time. Losing only three starters from last year's team, the squad promises to have more depth this year, and if its individuals begin merging as a team, a very promising season is certainly foreseen.

### Strong Personnel Returning

The squad's attack is gathering strength with Co-Captain Pete Kirkwood '66, Steve Schroeder '67, and Julius Gutman '66 forming the core. Schroeder was last year's highscorer and Kirkwood, last year's Most Valuable Player, was a close second. The midfield shows good strength and

depth, as its steady improvement continues. Centering the first two midfields will be veterans Art von Waldburg '67 and Terry Vanderwerff '66. The midfielders helping these two will be Dick Nygren '66, Greg Wheller Bob Wiley '66, Neal Gilman '67, Loren Wood '66, Don Rabb, '67, Dave Sanders '67, and Tom Chen '68. The Defense is formed around Co-Captain Bill Kosner '66 in the crease with Ralph Schmitt '66 on a wing and Bob Smith '67 or Herbie Finger '68 on the other wing.

### Spring Trip Planned

The team will have two scrimmages before starting on its spring trip. If the weather holds, the squad will face Brown at home on Saturday, March 19, and the Boston Lacrosse Club, also at home, on Friday, March 25. This year's schedule is one of the longest to date, with 18 games scheduled in a span of eight weeks. During the spring trip, the team will play five games in six days.

## Water Polo season starts: Any Tech swimmer eligible

The opening of the season for the M.I.T. Water Polo Club is tonight. With no eligibility restrictions, the club is open to graduates and undergraduates, as well as faculty members.

Water polo is one of the toughest of contact sports, requiring skill in ball handling, speed in swimming, endurance, and a desire for action. An international sport, water polo is extremely popular in California, where 90 per cent of all U. S. water polo players compete. MIT is leading a drive to popularize the sport in the East, and competes with club teams at Harvard, R.P.I., Fordham, Army, and others.

Generally, most players on the MIT club learn the sport while at Tech. The only pre-requisite for interested competitors is that they be fairly strong swimmers, because endurance and ability to handle oneself in the water (rather than speed) are important. Instruction in the rudiments of water polo is provided by the club members. Interested participants are always welcome, and practices are held on Tuesdays

### Frosh baseball

There will be an organizational meeting for all freshmen interested in playing baseball this spring, held in the T-Club Lounge today at 5:15 p.m. Anyone planning to play, but unable to attend this meeting, should contact Coach Elder.

Intramural Squash season starts a 79-game schedule this week. Eight leagues (7 undergraduate, 1 graduate) will compete for the playoff which will begin around April 12. The top two teams in each league will be eligible for the tournament. Games will be played Monday through Thursday at 5 and 7 p.m.

### Final standings in IM hockey:

1. SAE	90 IM points
2. ZBT	72
3. Burton	58
4. NRS "A"	46
5. LCA	37
6. Ashdown House	—
7. SAM	31
8. Baker	
Sig Ep	18 each
NRS "B"	
Senior House	
12. Chi Phi	
Sigma Chi	8 each
Theta Chi	
15. DU	1

### Seeding for the IM volleyball playoffs:

1. Ashdown "A"
2. Chinese Students

# Gentry 2nd in NEISA diving

By Tony Lima

MIT's sophomore diver, Dan Gentry, turned in one of his best performances of the year as he finished second in the 1-meter competition at the New England last Friday. Gentry finished behind the fantastic diving by Gardner of Williams, who finished first in both the 1- and 3-meter competition, and led Williams to their second straight New England's championship. Williams totalled 110 points to runner-up Wesleyan's 92. The Engineers finished ninth out of the sixteen teams on the strength of Gentry's performance.

Dan totalled 310.6 points to Gardner's 398.8. In the 3-meter competition, Gentry moved from twelfth place to seventh on his final three dives, doing a back 2½ somersault for his final dive. Despite a fine effort, he missed qualifying by one place.

### Freshman under varsity record

The freshman 400-yard freestyle relay team was the only other bright spot for the Engineers. The frosh qualified third in the semi-finals with a record-breaking 3:28.1, then went on to take second in the finals with a time of 3:26.5. The team, made up of co-captains Luis Clare '69 and Lee Dilley '69, Bill Stage '69, and Steve Mullinax '69, broke the existing freshman record by five seconds and went four seconds under the varsity record. Their time in the finals would have been good for a fourth place in the varsity finals.

### McFarren misses turn

Tech had a near qualifier in the 200-yard freestyle. John McFarren '68 finished his qualifying heat in 1:54.3, and was caught in a tie for the final qualifying position with UConn's Holster. In the swim-off, John was leading by a full body-length when he missed a turn. This was enough to give the final place to Holster. In the finals, Holster finished sixth with a time of 1:56.9.

### VanKennen outstanding swimmer

The best individual performer of the meet was Wesleyan's Sandy VanKennen, who won both the 50 and 100 yard freestyle events in 21.8 and 47.7 seconds respectively, then anchored their 400-yard freestyle relay team to a first place with a spectacular 46.5 final 100. Last year VanKennen was touched out in the nationals in the 50-yard free-style event by Yale's

Steve Clark. However, Clark will not compete this year, which leaves the field open to VanKennen. Immediately after the meet, he was presented with the Bob Muir award for the swimmer who has scored the most points in the New England's competition during his college career. This is the first year the award has been presented, as it is Muir's last year as coach at Williams.

Despite the loss of VanKennen, Wesleyan may not be hurt significantly in the future. Their jack-of-all-trades sophomore, Gallas, won the 400 individual medley in 4:36.4, 7 seconds ahead of the field, then took a first in the 200 butterfly in 2:02.7. He finished second in his third event, the 500-yard freestyle, after qualifying fifth, to Trinity's Tyler, record holder in the event. Gallas' time in the butterfly established a New England's mark.

### Four other marks set

There were four other New England's marks set in the meet. In the 200-yard backstroke, Williams of Williams hit 2:06.6 to smash the existing mark by a full second. The 100-yard backstroke saw Trinity's Bacon turn in a 55.4 to qualify, then lower the mark to 55.0 in the finals. The best the old record-holder, Wesleyan's Bob Ketcham, could do was fifth place. In the 100 butterfly, Ryan of Williams swam a 54.0 to set a new standard for the event. The winning Amherst freshman relay lowered the mark in that event to 3:25.1; the Tech relay was also under the old mark.

The swimmers close their season with a 5-8 won-lost mark. Despite this record, the team has high hopes for a winning season next year, as they are losing only four men through graduation. The freshmen will be sending up a team with an 8-3 record and five new freshman records to its credit. With this team, the mermen can look forward to having a spe-

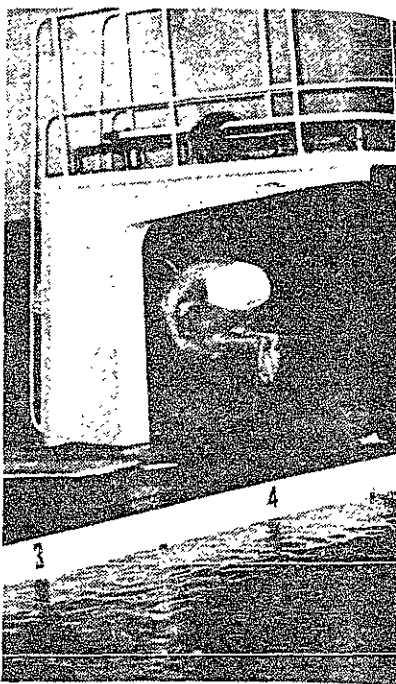


Photo by Desmond Booth

Dan Gentry '68 does an inward 1½ somersault off the 1 meter board to finish second in the New England's.

cialist in every event next year. Returning sophomores are breast-stroker Larry Preston, freestyler John McFarren, butterflyer Win Gardner, and divers Dan Gentry and Fred Solomon, as well as junior captain Mike Crane in the freestyle.

## First, third for women in NE tournament

The MIT women's fencing team took one first and one third place in the New England Intercollegiate Fencing Tournament Sunday.

In Beginner II class (two semesters of fencing), Sharon Grundfest '69 won a gold medal for first place, and Sandy Harris '69 received a bronze medal for third. Also representing MIT were Sandy Foote '67 (sixth in intermediate class), and Marilyn Tumm '69 and Kim Winters '69 in Beginner I.

## Fencers compete in Easterns, Rothberg, Brooks win five each

By Steve Wiener

The varsity fencers competed in the Eastern championships this weekend, and though they did not finish high in the standings, the young squad showed promise for next year. With an NCAA-AAU dispute resulting in mass boycott of the nationals, the Easterns were the roughest and most honored meet of the year.

Tech was led by the five victory performances of Burt Rothberg '68 in the foils division and Bob Brooks '68 in the sabre class. Bill Murray '67 registered three decisions dualing in epee, while Jack Stafurik '68, Jim Leass '68, Pete Azbeck '68, George Churi-

noff '67, and Bob Fall '67 each accounted for two wins.

The competition included NYU, Navy, and the Ivy League, virtually all of the fencing powerhouses in the country. The Beavers, who will lose only captains Tom Seddon and Karl Kunz through graduation, were generally satisfied with their performances and felt that high calibre of fencing provided invaluable experience for next winter's campaign.

With seven of his nine starters returning next year, Maestro Vitale can look forward to regaining the New England championship he held in 1963 and '64. Trinity nosed out Tech for that coveted title this month by a mere three points.

## Rifle team shoots top score of year

By Russ Mosteller

MIT's varsity rifle team shot its highest total of the year in defeating Wentworth College 1285 to 1234 last Saturday. Top shooters for Tech were Steve Walther '66 with 266, Charlie Marantz '67 with 262, and Dennis Artman '68 with 257.

Walther's 266 was Tech's highest individual score of the season—until the next day. In the NRA Collegiate Sectional at Middlefield, Conn., Walther shot 270 in leading the four-man first team to a total of 1025. Even this score did not stand for long, however, as Tom Hutzelman '67 shot a 272 in the sectional's individual competition, while Walther, completing a fantastic week, shot a resounding individual score of 269.

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